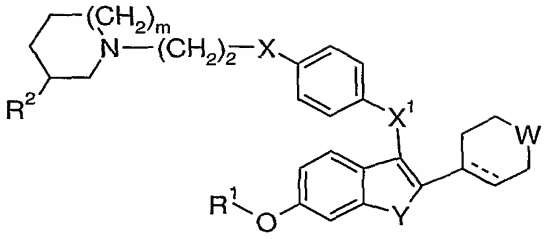
WE CLAIM:

1. A compound of formula I:



I;

wherein:

m is 0, 1 or 2;

R^1 is H, SO_2(n-C_4-C_6 alkyl) or COR^3;

R^2 is H or methyl provided that if m is 1 or 2, then R^2 must be H and that if m is 0, then R^2 must be methyl;

W is $CHSO_2R^4$ or SO_2;

X is O or NR^5;

X^1 is O, CH_2, or CO;

Y is S or CH=CH;

the dashed line (---) represents an optional double bond;

R^3 is C_1-C_6 alkyl, C_1-C_6 alkoxy, NR^6R^7, phenoxy, or phenyl optionally substituted with halo;

R^4 is C_1-C_6 alkyl, C_1-C_6 alkoxy, NR^8R^9, CF_3 or CH_2CF_3;

R^5 is H or C_1-C_6 alkyl

R^6, R^7 and R^8 are independently H, C_1-C_6 alkyl or phenyl; and

R^9 is C_1-C_6 alkyl or phenyl; or a pharmaceutical acid addition salt thereof.

2. The compound of claim 1 wherein X and X^1 are O and m is 1 or 2.

3. The compound of claim 1 or claim 2 wherein R^1 is H or COR^3 and R^3 is C_1-C_4 alkyl, $NHCH_3$ or phenyl.

4. The compound of any one of claims 1-3 wherein R^1 is H and m is 1.

5. The compound of any one of claims 1-4 wherein Y is CH=CH.

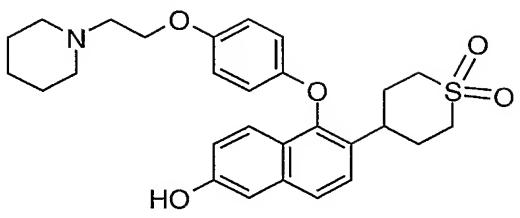
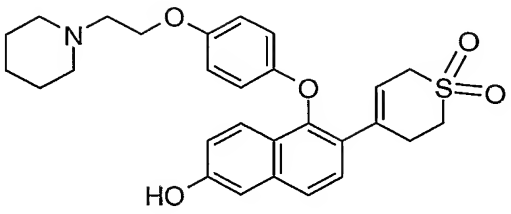
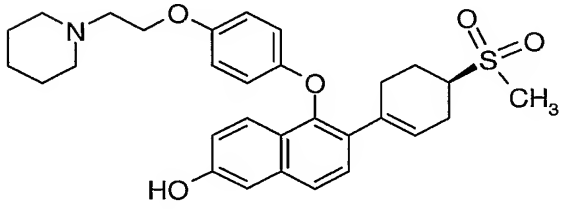
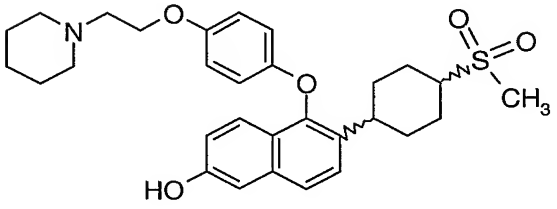
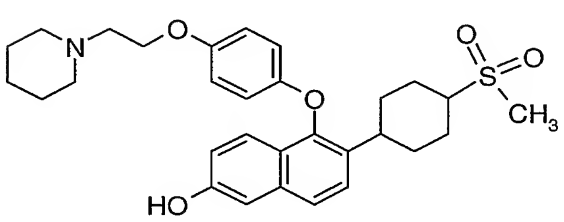
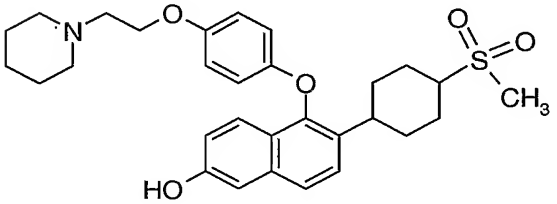
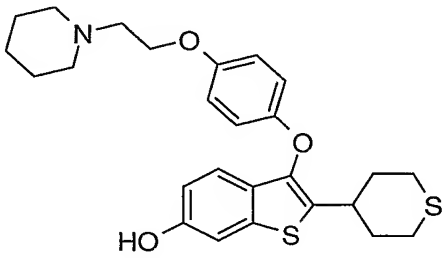
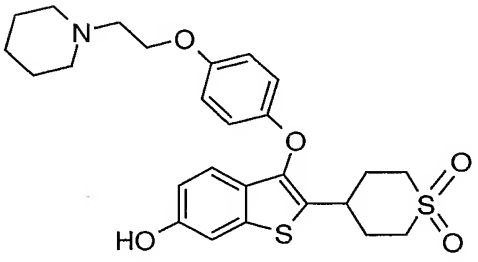
6. The compound of any one of claims 1-5 wherein W is $CHSO_2R^4$.

7. The compound of any one of claims 1-6 wherein R^4 is C_1-C_4 alkyl, CF_3 or NR^8R^9 and R^8 is H or C_1-C_4 alkyl and R^9 is C_1-C_4 alkyl.

8. The compound of any one of claims 1-7 wherein R^4 is methyl, ethyl, cyclopropyl, CF_3 , $NHCH_3$ or $N(CH_3)_2$.

9. The compound of any one of claims 1-5 wherein W is SO_2 and the optional double bond is not present.

10. A compound selected from the group consisting of:

;

or a pharmaceutical acid addition salt thereof.

11. The compound of any one of claims 1-10 which is the hydrochloride salt.

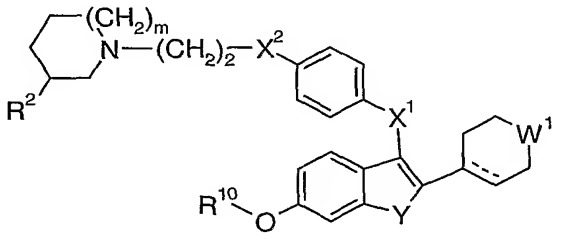
5

12. A method of treating endometriosis comprising administering to a patient in need thereof an effective amount of a compound of any one of claims 1-11.

13. A method of treating uterine leiomyoma comprising administering to a patient in need thereof an effective amount of a compound of any one of claims 1-11.

14. A compound of any one of claims 1-11 for use in treating endometriosis and/or uterine leiomyoma.

15. A compound of formula II:



II;

wherein:

m is 0, 1 or 2;

R^2 is H or methyl provided that if m is 1 or 2, then R^2 must be H and that if m is 0, then R^2 must be methyl;

R^{10} is H, C_1-C_6 alkyl, benzyl, SO_2CH_3, SO_2(n-C_4-C_6 alkyl) or COR^4;

W^1 is $CHS(O)_nR^4$ or $S(O)_n$;

X^1 is O, CH_2, or CO;

X^2 is O or NR^{11};

Y is S or CH=CH;

the dashed line (---) represents an optional double bond;

n is 0, 1 or 2;

R^3 is OH, C_1-C_6 alkyl, C_1-C_6 alkoxy, NR^6R^7, phenoxy, or phenyl optionally substituted with halo;

R^4 is C_1-C_6 alkyl, C_1-C_6 alkoxy, NR^8R^9, CF_3 or CH_2CF_3;

R^6, R^7 and R^8 are independently H, C_1-C_6 alkyl or phenyl;

R^9 is C_1-C_6 alkyl or phenyl; and

R^{11} is H, C_1-C_6 alkyl or CO_2(C_1-C_6 alkyl); provided that if n is 2, then R^{10} is C_1-C_6 alkyl, SO_2CH_3 or benzyl or R^{11} is CO_2(C_1-C_6 alkyl); or an acid addition salt thereof.

14. The compound of claim 13 wherein X^2 and Y are O and m is 1 or 2.

15. The compound of claims 13 or claim 14 wherein R^{10} is SO_2CH_3, benzyl or methyl.

16. The compound of any one of claims 13-15 wherein m is 1.

17. The compound of any one of claims 13-16 wherein W^1 is $CHSO_nR^4$.

18. The compound of any one of claims 13-17 wherein R^4 is C_1-C_4 alkyl, CF_3 or NR^8R^9 and R^8 is H or C_1-C_4 alkyl and R^9 is C_1-C_4 alkyl.

19. The compound of any one of claims 13-18 wherein R^4 is methyl, ethyl, cyclopropyl, CF_3, $NHCH_3$ or $N(CH_3)_2$.

20. The compound of any one of claims 1-5 wherein W is SO_2 and the optional double bond is not present.